

OPEN FILE REPORT

**SELECTED
STREAMFLOW
DATA FOR
ONTARIO
1982**

**MINISTRY OF THE ENVIRONMENT
WATER RESOURCES BRANCH**

TORONTO

ONTARIO

1984

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INTRODUCTION

This bulletin contains streamflow data collected during 1982 by personnel of the Ministry of the Environment.

The basic data were collected and compiled by the Water Resources Assessment Units of the Ministry's Regional Offices at London, Hamilton, Don Mills and Sudbury.

This publication was prepared by personnel of the Hydrology and Monitoring Section of the Water Resources Branch, Ministry of the Environment, Toronto.

Enquiries concerning the data in this bulletin should be made to the following:

Hydrology and Monitoring Section
Water Resources Branch
135 St. Clair Avenue West
Toronto, Ontario
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Technical Support Section
London Regional Office
985 Adelaide Street South
London, Ontario N6E 1V3

Technical Support Section
Toronto Regional Office
150 Ferrand Drive (Suite 700)
Don Mills, Ontario M3C 3C3

Technical Support Section
Hamilton Regional Office
119 King Street West 12th Floor
Hamilton, Ontario L8N 3Z9

Technical Support Section
Sudbury Regional Office
199 Larch Street
Sudbury, Ontario P3E 5P9

Other Data Sources

Data collected by the Regional Offices on a daily basis throughout the year in Southern Ontario are not published in this bulletin.

For convenience, these data are included in the Federal Government publication, "Surface Water Data - Ontario". That publication, which includes streamflow and water-level data for numerous rivers and lakes in the Province, is published annually by Water Survey of Canada. Enquiries should be made to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario K1A 0E7.

Two maps showing the locations of active and discontinued streamflow stations, respectively, in Ontario, at a scale of one inch equals 32 miles, are also available from the Canada Department of the Environment. These maps are part of the Hydrometric Map Supplement to the 1977 Surface Water Reference Index for Canada produced by the Inland Waters Directorate, Water Resources Branch, Department of the Environment. The Hydrometric Map Supplements are produced at approximately 5-year intervals.

Other Ontario Ministry of the Environment publications which are related to the subject of streamflow may be obtained from the Ontario Government Bookstore and these are referenced as follows:

Water Resources Report 11a, Northern Ontario Water Resources Studies, General Characteristics and Frequency Analyses of Streamflows, 1978.

Water Resources Map 3005-1, Low-Flow Characteristics of Streams in the Toronto-Centred Region, 1973.

Water Resources Map 3005-2, Low-Flow Characteristics of Streams in Southwestern Ontario, 1974.

Water Resources Map 3005-3, Low-Flow Characteristics of Streams in Southeastern Ontario, 1977.

Water Resources Map 3005-4, Low-Flow Characteristics of Streams in Northeastern Ontario, 1979.

Water Resources Bulletin, Atlas of Streamflow Stations in Ontario, 1980.

DATA QUALITY

Many of the flows were determined by direct measurements; others are values calculated from a reading of water elevation and an empirically determined stage-discharge relationship. For stations where a stage-discharge relationship has been developed, the following terms are used to describe the quality of the records.

Excellent Records obtained at a site where an intensive discharge measurement program has produced a well-defined and stable stage-discharge relationship.

Good: Records obtained from a site where an intensive discharge measurement program has produced a well-defined stage-discharge relationship which is not completely stable due to minor shifting of the stream bed or other channel properties which control water levels.

Fair: Records obtained from a site where scarcity of discharge measurements has permitted only moderate definition of the stage-discharge relationship.

Poor: Records obtained from a site where an unstable control, poor discharge measurement section or discharge measurements has resulted in a poorly defined stage-discharge relationship.

DEFINITION OF TERMS AND ABBREVIATIONS

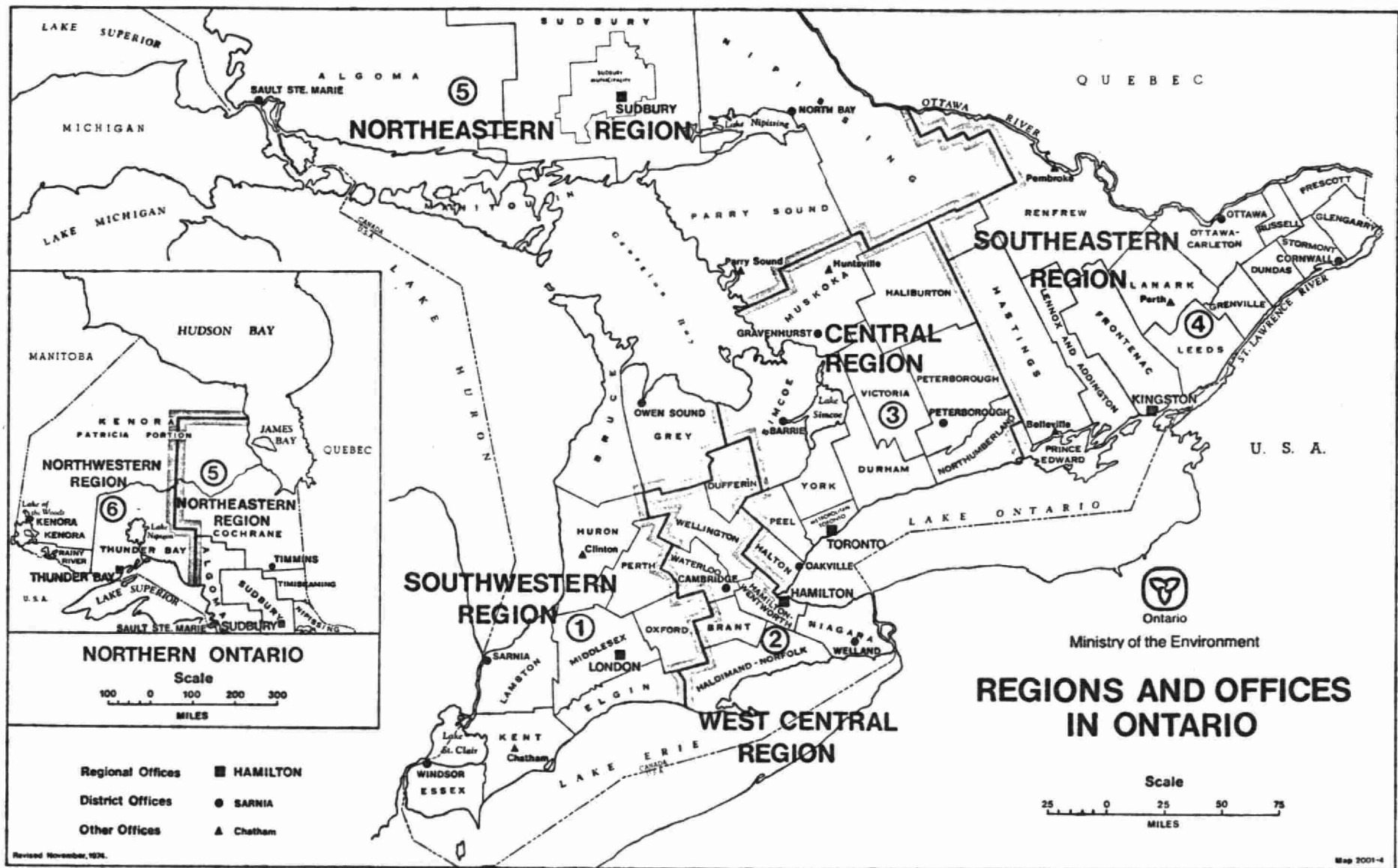
"Cubic metre per second" (m^3/s)	is the unit expressing the rate of streamflow discharge used in this bulletin.
"Cubic decametre" (dam^3)	is the volume of water required to cover an area of 1000 square metres to a depth of one metre. It is equal to 1000 cubic metres.
"WPCP"	Water Pollution Control Plant.
"No Flow" (N.F.)	This notation indicates a field observation of either no streamflow, or a flow of less than $0.001 \text{ m}^3/\text{s}$.
" "	Less than

1 cubic metre equals 1000 litres.

1 cubic metre per second equals 60,000 litres per minute.

1 cubic metre per second for one day equals 86.4 cubic decametres.

1 cubic metre per second equals 35.3145 cubic feet per second.



ABERFOYLE CREEK BELOW ABERFOYLE

STATION NO. 02GA109

Location: At first bridge south of Regional Road 34 at Lot 26,
Conc. 2, about 2.4 kilometres west of Aberfoyle.

Gauge: Staff

Drainage Area: 41.2 square kilometres

Period of Record: January 1965 to May 1977
July 1981 to December 1982

1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 14	.439	Jul 7	.343		
		May 21	.711	Jul 12	.292		
		May 26	.391	Jul 15	.232		
		May 31	.459	Aug 5	.340		
		Jun 3	.490	Aug 13	.320		
		Jun 11	.498	Aug 20	.232		
		Jun 14	.445	Aug 25	.614		
		Jun 18	.430				
		Jun 25	.462				
		Jun 30	.603				

ABERFOYLE CREEK A-2 NEAR ABERFOYLE

STATION NO. 02GA116

Location: First Concession Road north-east of Aberfoyle.Gauge: StaffDrainage Area: 7.3 square kilometresPeriod of Record: July 1981 to December 1982

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 14	.093	Jul 15	.004		
		May 21	.306	Jul 24	.006		
		Jun 3	.122	Jul 25	.005		
				Aug 13	.008		
				Aug 20	.004		

ABERFOYLE CREEK AT-4 NEAR ABERFOYLE

STATION NO. 02GA117

Location: County Road 34 upstream from mini lakes.Gauge: StaffDrainage Area: Not availablePeriod of Record: July 1981 to December 1982

1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 28	.082	Jul 7	.014		
		May 31	.042	Jul 12	.008		
		Jun 3	.040	Jul 15	.012		
		Jun 11	.042	Aug 5	.020		
		Jun 14	.026	Aug 13	.008		
		Jun 18	.025	Aug 20	.010		
		Jun 25	.028	Aug 25	.102		
		Jun 30	.074				

ABERFOYLE CREEK AT-7M NEAR ABERFOYLE

STATION NO. 02GA118

Location: At old Highway No. 6 on south branch of Aberfoyle Creek.Gauge: StaffDrainage Area: Not availablePeriod of Record: July 1981 to December 1982

1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 14	.045	Jul 15	.037		
		May 21	.048	Jul 24	.037		
		Jun 3	.042	Aug 13	.037		
				Aug 20	.042		

ABERFOYLE CREEK A-8 NEAR ABERFOYLE

STATION NO. 02GA119

Location: At old Highway No. 6 on the north branch of Aberfoyle Creek.

Gauge: Staff

Drainage Area: Not available

Period of Record: July 1981 to December 1982

1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 14	.113	Jul 7	.090		
		May 21	.161	Jul 12	.062		
		May 31	.167	Jul 13	.022		
		Jun 3	.139	Aug 5	.110		
		Jun 11	.142	Aug 13	.057		
		Jun 14	.119	Aug 20	.057		
		Jun 18	.099	Aug 25	.326		
		Jun 25	.130				
		Jun 30	.235				

BAXTER CREEK NEAR MILLBROOK

STATION NO. 02HJ104

Location: Upstream of the Township road bridge at Lot 10,
Concession 4, Township of Cavan, about 1.6
kilometres southeast of the Town of Millbrook.

Gauge: On-stream recorder

Drainage Area: 30.6 square kilometres

Period of Record: October 1977 to December 1982

Remarks: Records good. Temporary on-stream recorder
installed March 18 to December 16, 1982.

DAILY DISCHARGE IN CUBIC METRES PER SECOND

1982												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1				1.04	0.384	0.355	0.375	0.365	0.349	0.348	0.428	0.374
2				0.363	0.412	0.354	0.376	0.375	0.354	0.343	0.505	0.376
3				1.47	0.393	0.350	0.378	0.371	0.346	0.342	0.581	0.396
4				0.822	0.368	0.351	0.373	0.367	0.344	0.342	0.862	0.497
5				0.720	0.363	0.385	0.369	0.366	0.349	0.343	0.465	0.462
6				0.723	0.363	0.567	0.374	0.359	0.346	0.342	0.386	0.561
7				0.725	0.362	0.432	0.373	0.355	0.345	0.410	0.395	0.393
8				0.708	0.493	0.388	0.372	0.361	0.345	0.393	0.375	0.385
9				0.740	0.402	0.371	0.367	0.358	0.343	0.349	0.371	0.372
10				0.892	0.374	0.496	0.365	0.355	0.341	0.347	0.371	0.368
11				0.763	0.367	0.469	0.374	0.352	0.342	0.472	0.381	0.367
12				0.889	0.366	0.403	0.372	0.352	0.342	0.359	0.452	0.363
13				1.47	0.366	0.385	0.364	0.352	0.343	0.350	0.402	0.362
14				1.27	0.360	0.379	0.362	0.350	0.345	0.350	0.375	0.360
15				0.996	0.357	0.459	0.363	0.347	0.350	0.364	0.374	0.375
16				1.03	0.357	0.565	0.366	0.346	0.350	0.353	0.369	0.587
17				1.22	0.355	0.398	0.404	0.344	0.345	0.349	0.373	
18			1.10	0.787	0.353	0.382	0.416	0.343	0.439	0.349	0.369	
19			1.10	0.660	0.415	0.503	0.545	0.347	0.347	0.350	0.369	
20			1.11	1.04	0.399	0.425	0.396	0.350	0.349	0.385	0.373	
21			1.11	0.719	0.354	0.406	0.382	0.345	0.343	0.364	0.519	
22			1.13	0.550	0.350	0.400	0.378	0.352	0.349	0.353	0.405	
23			1.13	0.549	0.371	0.391	0.376	0.361	0.349	0.354	0.420	
24			1.15	0.558	0.382	0.374	0.370	0.349	0.345	0.352	0.527	
25			1.14	0.531	0.360	0.380	0.371	0.596	0.345	0.353	0.381	
26			1.11	0.461	0.354	0.510	0.373	0.358	0.342	0.352	0.376	
27			1.05	0.415	0.349	0.398	0.377	0.353	0.347	0.352	0.365	
28			1.05	0.413	0.430	0.391	0.516	0.352	0.347	0.353	0.365	
29			1.05	0.406	0.381	0.392	0.402	0.351	0.344	0.353	0.423	
30			1.05	0.387	0.354	0.380	0.378	0.352	0.342	0.353	0.388	
31			1.69		0.353		0.371	0.351		0.354		

BLACK CREEK BELOW ACTON

STATION NO. 02HB106

Location: At the bridge on Concession 4, Township of Esquesing, about 2.4 kilometres southeast of the Town of Acton.

Gauge: On-stream recorder.

Drainage Area: 25.9 square kilometres.

Period of Record: April 1966 to December 1982.

Remarks: Temporary on-stream recorder installed March 14 to December 12, 1982. Discharge affected by regulation.

DAILY DISCHARGE IN CUBIC METRES PER SECOND

1982												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1				1.90 E	0.227	0.249	0.436	0.112	0.124	0.181	0.190	0.376
2				1.62	0.237	0.220	0.319	0.129	0.146	0.164	0.273	0.315
3				1.50	0.214	0.189	0.265	0.144	0.153	0.155	0.376	0.304
4				1.36	0.233	0.176	0.239	0.198	0.135	0.155	0.475	0.521
5				1.05	0.155	0.243	0.217	0.177	0.131	0.147	0.453	0.550
6				0.882	0.146	0.494	0.209	0.165	0.121	0.140	0.348	0.845
7				0.745	0.143	0.450	0.208	0.154	0.112	0.213	0.286	0.579
8				0.664	0.214	0.346	0.186	0.170	0.111	0.277	0.259	0.424
9				0.659	0.196	0.287	0.162	0.195	0.109	0.224	0.213	0.360
10				0.669	0.217	0.257	0.150		0.105	0.197	0.198	0.312
11				0.668	0.202	0.231	0.153		0.101	0.204	0.230	0.289
12				0.649	0.191	0.196	0.150		0.102	0.202	0.323	0.274
13				0.727	0.187	0.193	0.142		0.107	0.174	0.311	
14			0.700	0.734	0.184	0.191	0.136		0.121	0.166	0.279	
15			0.647	0.686	0.181	0.191	0.130		0.150	0.180	0.258	
16			0.635	0.715	0.176	0.241	0.128		0.117	0.149	0.228	
17			0.624	1.04	0.171	0.221	0.215		0.109	0.149	0.211	
18			0.597	0.906	0.166	0.206	0.152		0.184	0.144	0.196	
19			0.580	0.658	0.165	0.378	0.373		0.144	0.148	0.187	
20			0.593	0.686	0.174	0.375	0.318		0.136	0.159	0.198	
21			0.602	0.682	0.159	0.461	0.116		0.137	0.145	0.352	
22			0.620	0.525	0.155	0.425	0.106		0.178	0.134	0.386	
23			0.718	0.463	0.168	0.408	0.109		0.308	0.139	0.350	
24			0.847	0.414	0.170	0.296	0.108		0.259	0.140	0.518	
25			0.938	0.413	0.177	0.249	0.098		0.276	0.145	0.382	
26			0.860	0.396	0.176	0.263	0.106		0.252	0.148	0.302	
27			0.743	0.374	0.172	0.246	0.118		0.326	0.146	0.273	
28			0.696	0.352	0.301	0.233	0.184		0.343	0.145	0.261	
29			0.652	0.332	0.293	1.17	0.122		0.268	0.140	0.408	
30			0.789	0.276	0.266	0.783	0.104		0.227	0.139	0.449	
31			1.90 E		0.262		0.111			0.144		

BROUGHAM CREEK AT GREENWOOD CONSERVATION AREA

STATION NO. 02HC121

Location: At the bridge on Con. 5, Township of Pickering, just upstream of the confluence with Duffins Creek in the Greenwood Conservation Area.

Gauge: Measuring Point

Drainage Area: 12.7 square kilometres

Period of Record: April 1980 to December 1982

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 19	.093	Jul 20	.135	Oct 12	.132
		Jun 23	.102	Jul 30	.060	Oct 26	.069
				Aug 8	.065	Nov 11	.332
				Aug 13	.056		
				Sep 29	.091		

CARRUTHERS CREEK AT AJAX

STATION NO. 02HC100

Location: At the bridge on Baseline Road, about .8 kilometres east of the Town of Ajax.

Gauge: Staff

Drainage Area: 31.1 square kilometres

Period of Record: April 1967 to December 1974, 1978
May 1980 to December 1982

 1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 21	.064	Jul 13	.014	Oct 7	.035
		Jun 29	1.019	Jul 21	.097	Nov 9	.212
				Aug 9	.020		

COBOURG BROOK AT COBOURG

STATION NO. 02HD103

Location: At the bridge adjacent to the WPCP in the Town of Cobourg.

Gauge: Wire weight

Drainage Area: 126 square kilometres

Period of Record: July 1966 to December 1982

Remarks: Records good

1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 13	1.14	Jul 14	.558	Oct 8	1.40
		Jun 11	3.51	Jul 21	.657	Nov 10	.796
		Jun 30	3.56	Aug 10	.640		

COLBORNE CREEK AT LAKEPORT

STATION NO. 02HD102

Location: At the bridge in the Hamlet of Lakeport on the road leading to the Village of Colborne.

Gauge: Staff

Drainage Area: 44.0 square kilometres

Period of Record: July 1966 to December 1982

Remarks: Records good

1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 13	.425	Jul 14	.230	Sep 30	.310
		Jun 10	.391	Jul 22	.236	Oct 8	1.50
		Jun 30	.546	Aug 10	.232	Nov 10	.374

CREDIT RIVER BELOW THE ORANGEVILLE DAM

STATION NO. 02HB112

Location: About 200 metres downstream from the outlet of the Orangeville dam at the eastern limits of the Town of Orangeville.

Gauge: Staff

Drainage Area: 18.1 square kilometres

Period of Record: May 1978 to December 1980,
June to August 1982

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		Jun 8	.178	Aug 4	.045		
		Jul 7	.059	Aug 23	.102		

FAREWELL CREEK AT OSHAWA

STATION NO. 02HD113

Location: At the bridge on Bloor Street East immediately above
Hwy. 401 in the City of Oshawa

Gauge: Measuring Point

Drainage Area: 55.7 square kilometres

Period of Record: May 1980 to December 1982

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 14	.211	Jul 13	.117	Oct 7	.739
		Jun 30	.459	Jul 21	.179	Nov 9	.326
				Aug 9	.116		

GAGE CREEK AT PORT HOPE

STATION NO. 02HD104

Location: At the bridge on Hwy. 2 about 1.6 kilometres east of the Town of Port Hope

Gauge: Staff

Drainage Area: 43.2 square kilometres

Period of Record: August 1966 to December 1982

Remarks: Records good

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 13	.248	Jul 13	.083	Oct 7	.099
		Jun 11	.982	Jul 21	.091	Nov 9	.230
		Jun 30	.725	Aug 9	.108		
				Sep 29	.149		

GRAHAM CREEK AT NEWCASTLE

STATION NO. 02HD105

Location: At the concrete bridge on Mill Street about 0.8 kilometres south of Hwy. 401 in the Village of Newcastle

Gauge: Staff

Drainage Area: 86.2 square kilometres

Period of Record: November 1965 to December 1982

Remarks: Records good

1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 14	.368	Jul 13	.153	Oct 7	.169
		Jun 11	4.90	Jul 21	.238	Nov 9	.481
		Jun 29	1.36	Aug 9	.163		
				Sep 29	.431		

HICKORY CREEK NEAR FOREST

STATION NO. 02FF110

Location: At the bridge on Plympton Township Road 14-15, 3 kilometres west of Forest.

Gauge: None

Drainage Area: 53.9 square kilometres

Period of Record: August 1981 to December 1982

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
				Jul 16	.001	Oct 18	.003
				Jul 23	.001		
				Aug 12	.015		

HORNER CREEK NEAR DRUMBO

STATION NO. 02GB102

Location: At the bridge on Oxford County Road No. 29, 1.3 kilometres west of Highway 401.

Gauge: None

Drainage Area: 113 square kilometres

Period of Record: January 1981 to December 1982

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
				Jul 20	.422		
				Jul 26	.132		
				Aug 6	.237		
				Aug 18	.155		
				Aug 27	.759		
				Sep 2	.881		

LOVERS CREEK NEAR BARRIE

STATION NO. 02EC115

Location: At the culvert on Tollendale Road in the Community of Minet Point

Gauge: Measuring Point

Drainage Area: 61.1 square kilometres

Period of Record: May 1968 to December 1982

Remarks: Data prior to 1976 appear under the name "Painswick Creek" in the Summer Gauging Site Data section of previous bulletins in this series.

1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		Apr 20	2.14	Jul 15	.168	Oct 7	.249
		May 18	.249	Aug 27	.328		
		Jun 14	1.51	Sep 16	.376		
				Sep 23	.335		

LYNN RIVER AT PORT DOVER

STATION NO. 02GC102

Location: At the old dam site upstream of Silver Lake in the community of Port Dover.

Gauge: Staff

Drainage Area: 146 square kilometres

Period of Record: April 1965 to December 1975, 1980, 1982.

Remarks: Records good.

 1982

Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 10	1.95	Jul 8	1.65		
		Jun 24	2.14	Jul 14	1.40		

NANTICOKE CREEK NEAR JARVIS

STATION NO. 02GC113

Location: At the bridge on Haldimand-Norfolk Regional Road 69,
about 1.6 kilometres west of the Community of Jarvis.

Gauge: On-stream recorder

Drainage Basin: 150 square kilometres

Period of Record: May 1977 to July 1977
July 1979 to December 1982

DAILY DISCHARGE IN CUBIC METRES PER SECOND

1982												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1					0.662	1.44	0.786	0.325	0.301	0.872	0.910	
2					0.624	1.43	0.676	0.333	0.295	0.759	2.83	
3					0.594	1.37	0.590	0.347	0.304	0.646	2.27	
4					0.561	1.33	0.527	0.367	0.307	0.551	4.41	
5				3.69	0.531	1.51	0.493	0.368	0.295	0.485	3.99	
6				2.86	0.510	2.96	0.471	0.362	0.289	0.437	2.88	
7				4.23	0.499	2.70	0.442	0.352	0.285	0.436	2.22	
8				3.10	0.520	2.20	0.422	0.359	0.284	0.526	1.87	
9				2.62	0.567	2.02	0.399	0.357	0.286	0.667	1.56	
10				2.38	0.564	1.79	0.375	0.357	0.286	0.624	1.33	
11				2.24	0.541	1.52	0.336	0.351	0.285	0.595	1.34	
12				2.20	0.525	1.22	0.329	0.343	0.284	0.623	2.01	
13				2.26	0.504	0.958	0.307	0.337	0.284	0.665	2.27	
14				2.18	0.482	0.745	0.306	0.330	0.281	0.652	1.92	
15				1.88	0.463	0.627	0.305	0.325	0.281	0.648	1.65	
16				1.71	0.442	0.672	0.302	0.320	0.282	0.661	1.45	
17				1.96	0.431	0.773	0.298	0.316	0.284	0.614	1.30	
18				2.09	0.417	0.704	0.294	0.331	0.292	0.564	1.16	
19				1.70	0.409	0.694	0.292	0.368	0.292	0.523	1.05	
20				1.83	0.410	0.675	0.294	0.370	0.295	0.533	0.962	
21				2.89	0.405	1.26	0.292	0.368	0.290	0.556	2.36	
22				2.14	0.397	2.02	0.289	0.365	0.299	0.596	2.60	
23				1.73	0.397	2.02	0.288	0.367	0.477	0.567	2.44	
24				1.50	0.398	1.73	0.285	0.366	0.484	0.559	3.66	
25				1.30	0.397	1.47	0.283	0.406	0.674	0.554	2.69	
26				1.14	0.390	1.50	0.283	0.420	0.675	0.559	2.11	
27				1.00	0.401	1.30	0.295	0.381	1.48	0.587	1.84	
28				0.872	0.521	1.08	0.337	0.340	1.35	0.591	1.71	
29				0.782	0.975	0.989	0.357	0.329	1.17	0.586	2.53	
30				0.715	0.987	0.905	0.321	0.326	0.985	0.574	2.53	
31					1.18		0.307	0.321		0.615		

PRINGLE CREEK AT WHITBY

STATION NO. 02HD108

Location: At the old steel bridge below Victoria Street East, in the Town of Whitby.

Gauge: Staff

Drainage Area: 21.5 square kilometres

Period of Record: July 1966 to December 1982

Remarks: Records good

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 14	.243	Jul 13	.218	Oct 7	.459
		Jun 29	.810	Jul 21	.210	Nov 9	.294
				Aug 9	.204		
				Sep 29	.206		

PROCTORS CREEK BELOW BRIGHTON
(BUTLER CREEK)

STATION NO. 02HD100

Location: At the wooden bridge on Harbour Street about 1.6 kilometres south of the Village of Brighton.

Gauge: Staff

Drainage Area: 30.3 square kilometres

Period of Record: June 1966 to December 1975
May 1977 to December 1982

Remarks: Records fair
Data prior to 1981 appear under the title Butler Creek below Brighton.

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 13	.235	Jul 14	.098	Oct 8	.571
		Jun 10	.183	Jul 22	.078	Nov 10	.136
		Jun 30	.192	Aug 10	.087		
				Sep 30	.109		

REYNOLDS CREEK NEAR PUTNAM

STATION NO. 02GD109

Location: In the Reynolds Creek Conservation Area near Putnam,
about 300 metres upstream from Highway 401.

Gauge: None

Drainage Area: 151 square kilometres

Period of Record: June 1979 to December 1982

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
				Jul 16	.210	Sep 2	.131
				Jul 23	.172	Oct 12	.165
				Aug 6	.161		
				Aug 27	.174		

SALEM CREEK NEAR COLBORNE

STATION NO. 02HD101

Location: About 60 metres upstream from the bridge on Blyth Road, approximately 2.4 kilometres southeast of the Village of Colborne

Gauge: Staff

Drainage Area: 9.1 square kilometres

Period of Record: November 1965 to December 1982

Remarks: Records good

1982							
Jan. to March		April to June		July to Sept.		Oct. to Dec.	
Date	m ³ /s	Date	m ³ /s	Date	m ³ /s	Date	m ³ /s
		May 13	.156	Jul 14	.120	Oct 8	.555
		Jun 10	.150	Jul 22	.12 ⁿ	Nov 10	.153
		Jun 30	.176	Aug 10	.117		
				Sep 30	.140		



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